

The Promotion and Development of Traditional Medicine (Technical Report Series 622)
Geneva, Switzerland: World Health Organization, 1978. 41 pp., 2 figs. \$2.50 (paper)

John Guinther

The Malpractitioners

Garden City NY: Anchor Press/Doubleday, 1978. x + 347 pp. \$10.00

Lisette Scholl

Visionetics: The Holistic Way to Better Eyesight

Garden City NY: Doubleday & Co. Inc., 1978. xvi + 222 pp., illus. \$4.95 (paper)

Gene Bylinsky

Mood Control

New York NY: Charles Scribner's Sons, 1978. vi + 169 pp. \$8.95

American Journal Of Pharmaceutical Education

Index to February, May, August, November and December Issues of Volume 42 (1978)

INDEX TO AUTHORS

Akin, G.C., *see* Hogness, J.R., 433.

Allen, H.D., *see* Miederhoff, P., 129.

Angaran, D.M., *see* Bond, C.A., 126.

Anon.

Memorial to Henry M. Burlage, 517;

Memorial to Albert I. Edlin, 516.

* * *

Bailey, L.C., A laboratory experiment in pharmaceutical analysis: analysis of diazepam tablets by high pressure liquid chromatography, 63.

Baratz, M.S., Shared authority, collective bargaining and academic governance (Council of Faculties chairman's section), 508.

Belmonte, A.A., Prediction of academic success using selected variables: 1, 122.

Benedict, L.K., Development of the PharmD degree program at the University of Nebraska, 292.

Bergen, J.V., Chair report for the Committee on Government Affairs, 478.

Bhargava, H.N., *see* Katz, N.L., 17.

Blank, J.W.

Introduction to the 1978 Teachers' Seminar by the Planning Committee, 376;

People, time and dollars: resources for continuing education, 416.

Blauch, L.E., The survey has looked at the pharmaceutical curriculum (perspective), 3.

Bliven, C.W., A tribute to W. Paul Briggs, 374.

Bond, C.A., Simulated clinical testing for clinical pharmacy and therapeutics courses, 126.

Bone, J.N., Memorial to David William O'Day, 516.

Bootman, J.L., Attitudes of Doctor of Pharmacy students toward the application of social and administrative pharmacy in clinical practice, 37.

Borke, M.L., *see* Furmanowa, M., 147.

Braucher, C.L., Pharmacy ethics — professional idealism and reality, 141.

Brown, C.H., A comparison of community and hospital pharmacy preceptors, 323.

Brown, T.R., *see* Moore, R., 251.

Buatti, A.T., *see* Williams, R.L., 58.

* * *

Campbell, W.H., *see* Richardson, W.C., 447.

Chalmers, R.K., Maximizing the pharmacist's contribution to society — the challenge to continuing education, 377.

Coker, S.T., A curriculum-based health service program in hypertension, diabetes, venereal diseases and cardiopulmonary resuscitation, 131.

Connelly, H.W.

Educational design, 405;

The psychology of the adult learner, 392.

Cooper, B.F., The responsibilities of the colleges in continuing education — or putting together the bits and pieces, 415.

Crisp, L.E., *see* Strandberg, L.R., 307.

Curtiss, F.R., The importance of education and practice factors in determining stress and strain among young pharmacy practitioners, 104.

- Cyrs, T.E. Jr.
 A need to verify needs in continuing education, 394;
 A rationale for competency-based assessment using the assessment center approach, 66.
- * * *
- Damewood, E.Z., *see* Mauger, J.W., 60.
- Daniels, T.C., Installation address of the incoming president (perspective), 103.
- DeLuca, P.P., *see* Im, S., 52.
- DeNuzzo, R.V., Resolution 3 (Council of Faculties chairman's section), 212.
- Devenport, J.K., Chair report for the Task Force on Guidelines for PharmD Accreditation, 490.
- Downs, G.E., *see* Gans, J.A., 408.
- * * *
- Edmondson, W.H., *see* Tobias, D.E., 31.
- Entrekin, D.N., *see* Kotzan, J.A., 114.
- * * *
- Farr, G.E., Maximizing the pharmacist's contribution to society through the extended university, 385.
- Fielding, D.W.
 Development and validation of written simulation problems for pharmacy, 270;
 Establishment of a regional network of coordinators for continuing pharmacy education. Planning and implementation, 155.
- Finger, K.F., Directions for the future of pharmacy continuing education, 422.
- Fink, J.L. III, *see* Myers, M.J., 124.
- Fisher, A.B. Jr.
 Minutes of the annual meeting of directors of the American Foundation for Pharmaceutical Education, 196;
 Minutes of the (AFPE) Planning Committee meeting, 199.
- Foy, J.M., A note on the (un)changing expectation of students of their ideal lecturer over a decade, 15.
- Furmanowa, M., Pharmaceutical education in Poland, 147.
- * * *
- Gagnon, J.P.
 Budgeting and control of pharmacy continuing education budgets, 418;
 Chair report for the Council of Sections, 462;
 Getting down to the Council's business (Council of Sections chairman's section), 506;
See Blank, J.W., 376;
 Types of programs and evaluation processes needed to maximize the pharmacists' contribution to society. 3: The role of the social and administrative sciences, 410.
- Gans, J.A.
See Blank, J.W., 376;
See Myers, M.J., 124;
 Types of programs and evaluation processes needed to maximize the pharmacist's contribution to society. 2: The role of the clinical sciences, 408.
- Gerald, M.C., Teaching pharmacology to college teachers, 45.
- Gibson, M.R., Dean evaluation (Council of Faculties chairman's section), 342.
- Gibson, R.D.
 Chair report for the Committee on Professional Affairs, 482;
See Weinert, A.B., 295.
- Gobert, R.C., *see* Fielding, D.W., 155.
- Golden, M., The responsibilities of the boards in continuing education, 414.
- Gossel, T.A., Chair report for the Committee on Publications, 486.
- Goyan, J.E.
 On leadership (president's section), 505;
 On readiness — address of the president-elect, 428.
- Grapes, Z.T., *see* Smith, M.C., 40.
- Grussing, P.G., *see* Cyrs, T.E. Jr., 66.
- * * *
- Hammel, R.J., *see* Curtiss, F.R., 104.
- Hanna, D.W., *see* Torosian, G., 7.
- Heinen, J.S., *see* Curtiss, F.R., 104.
- Helling, D.K., *see* Walker, J.A., 35.
- Herman, C.M., *see* Kelly, E.T., 151.
- Hershenson, B.R., Chair report for the Policy Development Committee, 487.
- Hite, G.J., *see* Spratto, G.R., 406.
- Hogness, J.R., Interprofessional approaches to health education and health care, 433.
- Howard, S.A., *see* Mauger, J.W., 60.
- Hurlbert, B.J., *see* Masoud, A.N., 47.
- * * *
- Im, S., Pharmaceutical technology clerkship: a professional elective course at the University of Kentucky, 52.
- * * *
- Jacoby, K.E.
 To pass or not to pass, 329;
See Weinert, A.B., 295;
 The use of demographic and background variables as predictors of success in pharmacy school, 4.
- James, J.D., *see* Sumner, E.D., 49.
- Janer, A.L., *see* Coker, S.T., 131.
- Jang, R., *see* Fielding, D.W., 155.
- Johnson, C.A.
See Bootman, J.L., 37;
See Curtiss, F.R., 104.
- Johnson, S.M., Evaluation in continuing education: the critical feedback loop, 396.
- Jowdy, A.W., Collective bargaining by university faculty (Council of Faculties chairman's section), 508.
- * * *
- Kalman, S.H., The responsibilities of pharmaceutical associations in continuing education, 412.
- Katz, N.L., Status of undergraduate pharmacology laboratories in colleges of pharmacy in the United States, 17.
- Kelly, E.T., Evaluation of the PMA-coordinated industry program for pharmacy administration faculty, 151.
- Kerr, R.A., *see* Tobias, D.E., 320.
- Kifer, E., *see* Smith, H.A., 159.
- Kimberlin, C., *see* Benedict, L.K., 292.
- Kjerulff, K., *see* Jacoby, K.E., 4.
- Kotzan, J.A., Development and implementation of a factor-analyzed faculty evaluation instrument for undergraduate pharmacy instruction, 114.
- Kozak, D.M., *see* Vinson, J.A., 290.
- Krautheim, D.
 Chair report for the Task Force on Liberal Education Requirements for Accreditation, 488;
See Reuning, R.H., 317.
- * * *
- LaFrance, Walker, Jackley & Saville, Report of the independent au-

- ditor, 206 (year ending June 30, 1977); 475 (year ending June 30, 1978).
- Lattin, D.L., Effect of side-chain branching on neuroleptic activity of phenothiazines (biblio-errata: 7), 504.
- Lawrence, G.D., Requests made in community pharmacies: implications for curriculum, 310.
- Lemberger, M.A., *see* Blank, J.W., 376.
- Lepore, R.H., *see* Torosian, G., 7.
- Levine, P.J., Chair report of the Council of Faculties *Ad Hoc* Committee on Teacher/Teaching Evaluation, 80.
- Liao, W., *see* Moore, R., 251.
- Lilja, J., Social pharmacy at the University of Kuopio, Finland, 42.
- Linn, L.S., *see* Lawrence, G.D., 310.
- Love, D.W., Continuing education in factors affecting communication: a novel approach, 304.
- Lowenthal, W.
Correlation of a biopharmaceutics grade and calculation scores in pharmacy school with arithmetic skills and mathematical reasoning subscores of the Pharmacy College Admission Test, 26;
Determination of academic faculty workload, 334;
Developing competency statements for a baccalaureate program in pharmacy, 28.
- Luciano, R.P., Annual report of the (AFPE) treasurer, 197.
- * * *
- McCook, W.M., *see* Speranza, K.A. Sr., 11.
- McCreary, G.J., *see* Miederhoff, P., 129.
- McDaniel, P.A., *see* Smith, M.C., 40.
- McEvilla, J.D., Chair report for the Committee on Finance, 475.
- McKay, A.B., *see* Smith, M.C., 40.
- McKercher, P.L., The influence of anxiety in the pursuit of medication, 297.
- Malone, M.H.
A call for manuscript and book reviewers, 247, 561;
Instructions to authors (editor's section), 82;
The Lyman Awards: the first decade (editor's section), 343;
Report of the *Journal* editor, 459;
Texts of the formal statements made at the Kansas City open hearings on Issue Z (editor's section), 213.
- Marks, R.G., *see* Torosian, G., 7.
- Marston, R.Q., Maximizing pharmacy's contribution to society, 438.
- Martin, A., *see* Schneider, W., 280.
- Masoud, A.N., Incorporation of modified basic and advanced life support in the pharmacy curriculum, 47.
- Matchett, J.A., Continuing education *via* the packaged program, 383.
- Matzen, G.P., Report of the (Academic Affairs) Subcommittee on Standardization of Professional-Practice-Program Terminology (Terms and definitions for official communications), 469.
- Mauger, J.W., A simulation experiment for the dissolution of monosized and multisized drug particles, 60.
- Michocki, R.J., *see* Tobias, D.E., 31.
- Miederhoff, P., A study of pharmacy students' attitudes toward drug abuse, 129.
- Moore, R., Statistical background needed to read professional pharmacy journals, 251.
- Myers, M.J., Interest of pharmacy practitioners in earning a Doctor of Pharmacy degree, 124.
- * * *
- Nona, D.A., Annual report to the public and to the sponsors of the American Council on Pharmaceutical Education, 493.
- * * *
- Oksas, R.M., Cooperation between schools of pharmacy and dentistry: a survey of educational involvement, 21.
- * * *
- Page, G.G., *see* Fielding, D.W., 270.
- Parker, C.L., *see* Love, D.W., 304.
- Parrott, K., *see* Strandberg, L.R., 307.
- Penick, S.B., Jr., Annual report of the (AFPE) chairman, 198.
- Piepho, R., *see* Benedict, L.K., 292.
- Plaxco, W.B., *see* Jacoby, K.E., 4.
- Porter, M.E., A survey of pharmacists' attitudes toward formal academic pharmacy education, 264.
- * * *
- Read, D.R., Development and evaluation of an educational unit for pharmacists on suicide prevention, 313.
- Reuning, R.H., A terminal pharmaceuticals course in clinical pharmacokinetics, 317.
- Richardson, W.C., The conduct and usefulness of evaluation research in health-care delivery, 447.
- Rodowskas, C.A. Jr.
Minutes of the AACP Board of Directors, 200 (interim, February 27, 1978); 496 (presession, July 14, 1978); 499 (postsession, July 20, 1978);
Report of the executive director, 454.
- Rosenbluth, S.A., *see* Read, D.R., 313.
- Rowles, B., A basic course in drug literature and evaluation, 138.
- Russi, G.D., Computer-assisted learning activities in a pharmacy practice laboratory, 56.
- Ryan, M.R., *see* Read, D.R., 313.
- * * *
- Samek, M.J., *see* Fielding, D.W., 155.
- Saunders, C.S., Analyzing selection procedures of members of a school of pharmacy admissions committee, 119.
- Schlegel, J.F.
Annual report of the (AACP) Office of Student Affairs, July 1978, 457;
Competency assessment and continuing education, 403;
Enrollment report on graduate degree programs, fall 1977, 181;
Enrollment report on professional degree programs in pharmacy, fall 1977, 167.
- Schneider, W., Pharmaceutical suspensions and the DLVO theory, 280.
- Schumacher, G.E., Report of the (Academic Affairs) Subcommittee on Advanced Degree Attainment, 471.
- Schwartz, A.E., Chair report for the Council of Deans, 461.
- Seitchik, G.N., *see* Yanoff, J.M., 301.
- Senior, J., *see* Foy, J.M., 15.
- Shannon, M.C.
The development and preliminary analysis of a need-identification process for continuing pharmacy education, 255;
See Blank, J.W., 376;
A total curriculum model for pharmacy continuing education, 388.
- Sharpe, T.R., *see* Moore, R., 251.
- Shortell, S.M., *see* Richardson, W.C., 447.
- Simon, L.S., Prediction of achievement in clinical pharmacy courses, 111.
- Smith, H.A., Concepts, models and methodologies for the evaluation of experiential education in pharmacy, 159.
- Smith, H.L., *see* Lowenthal, W., 26.

Smith, M.C.

An academic administrative internship, 40;
See Moore, R., 251.

Solander, L.

Annual report of the (AACP) Office of Educational Research and Development, 458;

Modeling student academic performance: predicting "success" or "trouble" in a professional pharmacy program, 326.

Speedie, S.M., *see* Tobias, D.E., 320.

Speranza, K.A. Sr., The effects of an institutional clinical experience on pharmacy student professional status perceptions, 11.

Spratto, G.R., Types of programs and evaluation processes needed to maximize the pharmacist's contribution to society. 1: The role of the basic sciences, 406.

Stavchansky, S., *see* Schneider, W., 280.

Stohs, S.J., *see* Masoud, A.N., 47.

Strandberg, L.R., Pharmacy communication: a professional survey course, 307.

Strickland, E.I., *see* Belmonte, A.A., 122.

Strickland, W.A. Jr., Chair report for the Committee on Public Affairs, 485.

Sumner, E.D.

An elective course for an interdisciplinary approach to family health care, 49;

Teaching an interdisciplinary gerontological course to pharmacy students, 135.

* * *

Taylor, E.H., Chair report for the Committee on Bylaws, 473.

Teare, F.W., Greetings from the Association of Faculties of Pharmacy of Canada, 432.

Tindall, W.N., Individualizing instruction in pharmacy jurisprudence, 144.

Tobias, D.E.

Evaluation of clinical competence through written simulations, 320;

Evaluation of students in a competency-based undergraduate clinical clerkship, 31.

Toporek, E.C., *see* Sumner, E.D., 49.

Torosian, G., An analysis of admission criteria, 7.

Turakka, H., *see* Lilja, J., 42.

* * *

Valentine, M., *see* Strandberg, L.R., 307.

Veal, A.F., *see* Miederhoff, P., 129.

Vinson, J.A., Analysis of aspirin tablets using quantitative NMR, 290.

* * *

Waldron, J.A., *see* McKercher, P.L., 297.

Walker, J.A., Clinical pharmacy education in a dental pharmacy, 35.

Waller, D.P., *see* Katz, N.L., 17.

Walton, C.A.

Chair report for the Committee on Academic Affairs, 464;

The evolutionary eighties: pharmacy, a profession in transition, 440.

Warwick, R.O., *see* Katz, N.L., 17.

Weaver, L.C., Chair report for the Special Committee on International Pharmacy, 488.

Weinert, A.B.

See Jacoby, K.E., 4;

Work environment practice attitudes of recent Black and Chicano Doctor of Pharmacy graduates, 295.

Weinswig, M.H.

Chair report for the Council of Faculties, 462;

Collective bargaining (Council of Faculties chairman's section), 212;

Committee work *versus* available faculty time (Council of Faculties chairman's section), 80;

See Shannon, M.C., 255.

Wergin, J., *see* Lowenthal, W., 26.

Wiese, H.J., *see* Love, D.W., 304.

Williams, R.L., Introduction of computer-assisted instruction at St. John's University College of Pharmacy and Allied Health Professions, 58.

Wolf, H.H.

Graduate education — the price for improvement (president's section), 340;

Progress and potential — address of the president and chairman of the board, 425;

Publish or perish — a larger perspective (president's section), 75;

Requisite research (president's section), 209.

Wurster, K.J., *see* Russi, G.D., 56.

* * *

Yanoff, J.M., Training of a pharmacy faculty for implementation of competency objectives, 301.

Young, R.P., Annual report of the Organization of Student Representatives, 463.

* * *

Zanowiak, P.

Council activities update (Council of Sections chairman's section), 210;

Interim meeting of the Administrative Board (Council of Sections chairman's section), 76;

Review of Council of Sections activities: Seattle to Kissimmee, 1977-78 (Council of Sections chairman's section), 341.

INDEX TO SUBJECTS AND TITLES

- Academic administrative internship (An), M.C. Smith *et al.*, 40.
- Academic Affairs, Chair report for the Committee on, C.A. Walton, 464.
- Academic governance, Shared authority, collective bargaining and (Council of Faculties chairman's section), M.S. Baratz, 508.
- Academic performance (student), Modeling: predicting "success" or "trouble" in a professional pharmacy program, L. Solander, 326.
- Academic success, Prediction of using selected variables, I, A.A. Belmonte and E.I. Strickland, 122.
- Achievement in clinical pharmacy courses, Prediction of, L.S. Simon, 111.
- Address (of the)
President and chairman of the Board — Progress and potential, H.H. Wolf, 425;
President-elect — On readiness, J.E. Goyan, 428.
- Admissions committee (school of pharmacy), Analyzing selection procedures of members of a, C.S. Saunders, 119.
- Admissions criteria
An analysis of, G. Torosian *et al.*, 7;
Modeling student academic performance: predicting "success" or "trouble" in a professional pharmacy program, L. Solander, 326;
See also: Pharmacy College Admission Test (PCAT).
- Adult learner, The psychology of the, H.W. Connelly, 392.
- Advertisements
American Association of Colleges of Pharmacy, 100, 246, 372, 560;
Pharmacy Management, 559.
- American Association of Colleges of Pharmacy (Inc.)
Auditor (independent), Report of the, La France, Walker, Jackley & Saville, 206 (year ending June 30, 1977); 475 (year ending June 30, 1978);
Awards sponsored by, 225;
Board of Directors, Minutes of the, C.A. Rodowskas Jr., 200 (interim, February 27, 1978); 496 (presession, July 14, 1978); 499 (postsession, July 20, 1978);
Bylaws (modifications of document dated September 1, 1977 and appearing in the Journal, 41, 512 1977), 473;
- Committee
Appointments (1978-79), 499;
Reports. *See* names of the individual committees, *or see* report (chair) for the committee on;
Delegate appointments (1978-79), 499;
Election results (1978-79), 512;
Executive director, Report of the, C.A. Rodowskas Jr., 454
Institutional affiliates, new, 344;
Office (of)
Educational Research and Development, Annual report on the, L. Solander, 458;
Student Affairs, Annual report of the, July 1978, J.F. Schlegel, 457;
President's section, 75, 209, 340, 505;
Proceedings (of the)
Annual Meeting, Kissimmee FL, 1978, 425;
Teachers' Seminar — the W. Paul Briggs Memorial Seminar, 374;
Publications available from the (advertisement), 100, 246, 372, 560;
Representatives, Delegates and Directors, Appointments of, 499;
Roster of delegates to the House of Delegates in attendance at the 79th Annual Meeting (1978), 501;
Schools and colleges in the United States holding membership in the, 502;
Standing Rules of Procedure for the Organization of Student Representatives, 473;
Teachers' Seminars sponsored by the and supported by the American Foundation for Pharmaceutical Education, 374;
Terms and definitions for official communications, 469.
- American Association of University Professors, policy statements of and Resolution 3 (Council of Faculties chairman's section), R.V. DeNuzzo, 212.
- American College of Apothecaries, Formal statement delivered at the Kansas City open hearing on Issue Z, 213.
- American Council on Pharmaceutical Education, Annual report to the public and to the sponsors of the, D.A. Nona, 493.
- American Foundation for Pharmaceutical Education
Annual report (of the)
Chairman, S.B. Penick Jr., 198;
Treasurer, R.P. Luciano, 197;
- Minutes of the annual meeting of directors of the, A.B. Fisher Jr., 196;
Teachers' Seminars sponsored by the American Association of Colleges of Pharmacy and sponsored by the, 374.
- American Journal of Pharmaceutical Education*, Report of the editor of (1978), M.H. Malone, 459.
- American Pharmaceutical Association, Formal statement delivered at the Kansas City open hearings on Issue Z, 214.
- American Society of Hospital Pharmacists, Formal statement delivered at the Kansas City open hearings on Issue Z, 216.
- Analysis (of)
Admission criteria, An, G. Torosian, *et al.*, 7;
Aspirin tables using quantitative NMR, J.A. Vinson and D.M. Kozak, 290.
- Analyzing selection procedures of members of a school of pharmacy admissions committee, C.S. Saunders, 119.
- Announcements (general), 84, 225, 344, 512.
- Annual report
Of the Organization of Student Representatives, R.P. Young, 463;
To the public and to the sponsors of the American Council on Pharmaceutical Education, D.A. Nona, 493.
- Anxiety in the pursuit of medication, The influence of, P.L. McKercher and J.A. Waldron, 297.
- Aspirin tablets, Analysis of using quantitative NMR, J.A. Vinson and D.M. Kozak, 290.
- Assessment (competency-based), A rationale for using the assessment center approach, T.E. Cyrs Jr. and P.G. Grussing, 66.
- Association of Faculties of Pharmacy of Canada, Greetings from the, F.W. Teare, 432.
- Attitudes (of)
Doctor of Pharmacy students toward the application of social and administrative pharmacy in clinical practice, J.L. Bootman and C.A. Johnson, 37;
Pharmacists toward formal academic pharmacy education, A survey of, M.E. Porter, 264;
(Work environment practice), recent Black and Chicano Doctor of Pharmacy graduates, A.B. Weinert *et al.*, 295.

Auditor (independent), Report of the, La France, Walker, Jackley & Saville, 206 (year ending June 30, 1977); 475 (year ending June 30, 1978).

Authors, Instructions to (editor's section), M.H. Malone, 82.

Award(s)

(AACCP), Announcement of

Lyman (1978), 225;

Student Public Affairs Program, 485;

Volwiler (1978), 225;

And grants, 88, 231, 349, 520.

* * *

Background and demographic variables as predictors of success in pharmacy school, The use of, K.E. Jacoby *et al.*, 4.

Basic course (A) in drug literature and evaluation, B. Rowles, 138.

Basic sciences, 1: The role of the. Types of programs and evaluation processes needed to maximize the pharmacist's contribution to society, G.R. Spratto and G.J. Hite, 406.

Biblio-Errata, 7. Effect of side-chain branching on neuroleptic activity of phenothiazines, D.L. Lattin, 504.

Black and Chicano Doctor of Pharmacy graduates (recent), Work environment practice attitudes of, A.B. Weinert *et al.*, 295.

Book reviews, 90, 233, 352, 523.

Books (New), 98, 244, 370, 543.

Books reviewed

Adamantane: the chemistry of diamond molecules (Studies in organic chemistry, Vol. 5), 91;

Advanced organic chemistry. Part A: structure and mechanisms, 234; Part B: reactions and synthesis, 234;

Advances in biochemical psychopharmacology, Vol. 17 (Neuropeptide influences on the brain and behavior), 367; Vol. 18 (The endorphins), 532;

Advances in chromatography, Vol. 16, 536;

Advances in epileptology - 1977: psychology, pharmacotherapy and new diagnostic approaches, 541;

Advances in polyamine research, Vol. 1, 365; Vol. 2, 366;

Aging, Vol. 3 (Neurobiology of aging), 235;

Alcohol and opiates. Neurochemical and behavioral mechanisms, 237;

Alcoholism: new knowledge and new responses, 361;

American Chemical Society (ACS) symposium series: 33 (Controlled release polymeric formulations), 90;

American Medical Association (AMA) drug evaluations, 98;

American medical ethnobotany: a reference dictionary, 538;

Analysis of drugs and metabolites by gas chromatography-mass spectrometry, Vol. 1: respiratory gases, volatile anesthetics, ethyl alcohol and related toxicological materials, 536;

Annual reports on fermentation processes, Vol. 1 538;

Annual review of neuroscience, Vol. 1, 364;

Annual review of pharmacology and toxicology, Vol. 18, 533;

Antiepileptic drugs: quantitative analysis and interpretation, 540;

Barbiturates: their use, misuse and abuse, 241;

Basic concepts in biopharmaceutics: an introduction, 92;

Basic statistics: a primer for the biomedical sciences, 354;

A bibliography of drug abuse, including alcohol and tobacco, 93;

The biochemical basis of neuropharmacology, 529;

Biochemistry, 365;

Biological bases of psychiatric disorders, 238;

Biopharmaceutics and clinical pharmacokinetics, 243;

Birth defects and drugs in pregnancy, 356;

Cardiovascular drugs, Vol. 1: antiarrhythmic, antihypertensive and lipid lowering drugs, 542; Vol. 2: beta-adrenoceptor blocking drugs, 542;

Chemotherapy of infection, 240;

Clinical endocrinology: a survey of current practice, 95;

Clinical neuropharmacology, Vol. 2, 243; Vol. 3, 529;

Clinical pharmacokinetics: proceedings of an international symposium at Salsgitter-Ringelheim (Drug development and evaluation: 2), 525;

Clinical pharmacy, 96;

Clinical trials, 355;

A clinician's guide to antibiotic therapy, 96;

Clofibrate and related analogs: a comprehensive review (Medicinal research, Vol. 7), 359;

Concepts in biochemistry, 534;

Controlled release polymeric formulations (ACS symposium series: 33), 90;

Current concepts in migraine research, 358;

Current developments in psychopharmacology, Vol. 4, 233;

Current pediatric therapy, 539;

Current therapy 1978, 539;

Design of biopharmaceutical properties through prodrugs and analogs, 92;

Disinfection, sterilization and preservation, 93;

Drug abuse: clinical and basic aspects, 238;

Drug action at the molecular level, 364;

Drug development and evaluation: 2 (Clinical pharmacokinetics: proceedings of an international symposium at Salsgitter-Ringelheim), 525;

Drug discrimination and state dependent learning, 531;

Drug disposition and pharmacokinetics - with a consideration of pharmacological and clinical relationships, 242;

Drug disposition during development, 369;

Drug fate and metabolism: methods and techniques, Vol. 2, 368;

Drug information for patients, 526;

Drug metabolism and alcohol, 535;

Drug metabolism in man, 535;

Drug monitoring: a requirement for responsible drug use, 240;

Drugs and the pharmaceutical sciences, Vol. 5 (New drugs: discovery and development), 534;

Drugs of choice, 1978-1979, 359;

Drugs: how they act and why, 361;

Drugs, society, and human behavior, 528;

Drugs under experimental and clinical research, Vol. 1, no. 1-2 (Evaluation of new drugs in clinical psychopharmacology), 532; Vol. 2, no. 1 (New anti-inflammatory and antirheumatic drugs), 540; Vol. 3, no. 1 (Future trends in chemotherapy: II), 542;

Encyclopedia of the alkaloids, Vol. 1 (A-H), 238; Vol. 2 (I-Z), 238;

The endorphins (Advances in biochemical psychopharmacology, Vol. 18), 532;

Enzymatic mechanisms in pharmacodynamics, 364;

Epidemiological evaluation of drugs, 237;

Evaluation of new drugs in clinical psychopharmacology (Drugs under experimental and clinical research, Vol. 1, no. 1-2), 532;

An evaluation primer, 523;

An evaluation primer workbook: practical exercises for educators, 523; practical exercises for health professionals, 523;

Fever, from symptom to treatment, 358;

Fluorescent antibody techniques and their applications, 366;

Future trends in chemotherapy: II (Drugs under experimental and clinical research, Vol. 3, no. 1), 542;

Gaddum's pharmacology, 534;

Hagers Handbuch der Pharmazeutischen Praxis: für Apotheker, Arzneimittelhersteller, Ärzte und Medizinalbeamte, Vol. 7: Arzneiformen und Hilfsstoffe, Part B: Hilfsstoffe, 353;

Handbook for the design of instruction in pharmacy education, 369;

Handbook of clinical drug data, 360;

Handbook of radioimmunoassay, 97;

Health plants of the world: atlas of medicinal plants, 94;

Horizons in biochemistry and biophysics, Vol. 4, 366;

Hormone chemistry. Vol. 2: steroids, thyroid hormones, biogenic amines and prostaglandins, 240;

Human sexuality for health professionals, 527;

Hypertension: mechanism, diagnosis and management, 358;

Identification procedures of drugs of abuse, 363;

Industrial bioavailability and pharmacokinetics: guidelines, regulations and controls, 354;

Infection control in health care facilities: microbiological surveillance, 527;

Innovation in the pharmaceutical industry, 97;

Interactions between putative neurotransmitters in the brain (Monographs of the Mario Negri Institute for Pharmacological Research, Milan), 531;

Interpretation of diagnostic tests: a handbook synopsis of laboratory medicine, 526;

- An introduction to pathology, 527;
Konstitution und Vorkommen der Organischen Pflanzenstoffe (Exklusive Alkaloide) Ergänzungs band 1, 95;
Lehrbuch der Pharmazeutischen Chemie, 537;
 Linear regression analysis, 523;
 Liquids and solutions: structure and dynamics, 90;
 Lithium in medical practice, 540;
 Manic-depressive illness: history of a syndrome, 531;
 Manual for hospital pharmacy technicians: a programmed course in basic skills, 352;
 Mass spectrometry in drug metabolism, 368;
 Medication guide for patient counseling, 241;
Medicinal research, Vol. 7 (Clofibrate and related analogs: a comprehensive review), 359; Vol. 8 (Quantitative drug design: a critical introduction), 536;
Medicine and pharmacy in American political prints (1765-1870), 524;
Modern pharmacology-toxicology, Vol. 10 (Structure and function of monoamine enzymes), 367; Vol. II (Receptors in pharmacology), 533;
Monographs of the Mario Negri Institute for Pharmacological Research, Milan (Pharmacology of steroid contraceptive drugs), 236; (Interactions between putative neurotransmitters in the brain), 531;
Mycotoxic fungi, mycotoxins, mycotoxicoses: an encyclopedic handbook, Vol. 1: Mycotoxic fungi and chemistry of mycotoxins; 538;
 Neurobiology of aging (Aging, Vol. 3), 235;
 Neuropeptide influences on the brain and behavior (Advances in biochemical psychopharmacology, Vol. 17), 367;
 New anti-inflammatory and antirheumatic drugs (Drugs under experimental and clinical research, Vol. 2, no. 1), 540;
 New drugs: discovery and development (Drugs and the pharmaceutical sciences, Vol. 5), 534;
 The nurse's drug handbook, 91;
Organic chemistry, Vol. 36 (Prostaglandin research), 537;
Pediatric drug handbook, 92;
 Perspectives on medicines in society, 353;
Pharmaceutical microbiology, 362;
Pharmacology, Gaddum's, 534;
Pharmacology of steroid contraceptive drugs (Monographs of the Mario Negri Institute for Pharmacological Research, Milan), 236;
 Pharmacy technicians' manual, 352;
 Physiology of the heart, 90;
 Power and illness: the political sociology of health and medical care, 525;
 Practical clinical pharmacy, 360;
 Predicting dependence liability of stimulant and depressant drugs, 362;
 Principles and procedures for evaluating the toxicity of household substances, 528;
Proceedings of the International Conference on Drug and Pharmaceutical Services Reimbursement, 233;
Progress in drug metabolism, Vol. 2, 235;
Prostaglandin research (Organic chemistry, Vol. 36), 537;
Prostaglandin synthesis, 236;
Psychopharmacology, a generation of progress, 529;
Quantitative drug design: a critical introduction (Medicinal research, Vol. 8), 536;
Radiotracer techniques and applications, Vol. 1, 95; Vol. 2, 241;
Recent advances in dermatopharmacology, 361;
Receptors and recognition, series B, Vol. 1 (The specificity and action of animal, bacterial and plant toxins), 94;
Receptors in pharmacology (Modern pharmacology-toxicology, Vol. 11), 533;
 Serotonin in mental abnormalities, 530;
 The specific treatment of virus diseases, 357;
 The specificity and action of animal, bacterial and plant toxins (Receptors and recognition, series B, Vol. 1), 94;
 Statistics: a biomedical introduction, 355;
 Structure-activity relationships among the semisynthetic antibiotics, 537;
 Structure and function of monoamine enzymes (Modern pharmacology-toxicology, Vol. 10), 367;
Studies in organic chemistry, Vol. 5 (Adamantane: the chemistry of diamond molecules), 91;
 A synopsis of cancer chemotherapy, 357;
 Textbook of adverse drug reactions, 239;
 Topics in antibiotic chemistry. Vol. 1: aminoglycosides and ansamycins, 242;
 Toxic and hallucinogenic mushroom poisoning: a handbook for physicians and mushroom hunters, 363;
 Treatment of industrial effluents, 237.
 Briggs, W. Paul, A tribute to, C.W. Bliven, 374.
 Budgeting and control of pharmacy continuing education budgets, J.P. Gagnon, 418.
 Burlage, Henry M., Memorial to, Anon., 517.
 Bylaws, Chair report of the Committee on, E.H. Taylor, 473.
 * * *
 Cardiopulmonary resuscitation, hypertension, diabetes and venereal diseases, A curriculum-based health service program in, S.T. Coker and A.L. Janer, 131.
 Cataline, Elmon L., Memorial to, W.C. Fiedler, 347.
 Chairman of the (AAPC) Board (of Directors). See president (AAPC).
 Changes in staff titles, 84, 226, 344, 513.
 Chicano and Black Doctor of Pharmacy graduates (recent), Work environment practice attitudes of, A.B. Weinert *et al.*, 295.
 Chromatography (high pressure liquid), analysis of diazepam tablets by: A laboratory experiment in pharmaceutical analysis, L.C. Bailey, 63.
 Clerkship (Pharmaceutical technology): a professional elective course at the University of Kentucky, S. Im and P.P. DeLuca, 52.
 Clinical clerkship (undergraduate), Evaluation of students in a competency-based, D.E. Tobias *et al.*, 31.
 Clinical competence, Evaluation of through written simulations, D.E. Tobias *et al.*, 320.
 Clinical experience (institutional) on pharmacy student professional status perceptions, The effects of an, K.A. Speranza Sr. and W.M. McCook, 11.
 Clinical pharmacy
 Education in a dental pharmacy, J.A. Walker and D.K. Helling, 35;
 Prediction of achievement in courses, L.S. Simon, 111;
 And therapeutics courses, Simulated clinical testing for, C.A. Bond and D.M. Angaran, 126.
 Clinical practice, Attitudes of Doctor of Pharmacy students toward the application of social and administrative pharmacy in, J.L. Bootman and C.A. Johnson, 37.
 Clinical sciences, 2: The role of the. Types of programs and evaluation processes needed to maximize the pharmacist's contribution to society, J.A. Gans and G.E. Downs, 408.
 Clinical testing (Simulated) for clinical pharmacy and therapeutics courses, C.A. Bond and D.M. Angaran, 126.
 Collective bargaining
 — (Council of Faculties chairman's section), M.H. Weinswig, 212;
 By university faculty (Council of Faculties chairman's section), A.W. Jowdy, 508;
 Shared authority and academic governance (Council of Faculties chairman's section), M.S. Baratz, 508.
 Colleges of pharmacy
 And schools in the United States holding membership in the AACP, 502;
 Status of undergraduate pharmacology laboratories in, in the United States, N.L. Katz *et al.*, 17.
 Committee reports (AAPC), See report (chair) for the committee on, or see names of the individual committees.
 Committee work versus faculty time (Council of Faculties chairman's section), M.H. Weinswig, 80.
 Communication
 Continuing education in factors affecting: a novel approach, D.E. Love *et al.*, 304;
 (Pharmacy), a professional survey course, L.R. Strandberg *et al.*, 307.
 Community pharmacies, Requests made in: implications for curriculum, G.D. Lawrence and L.S. Linn, 310.
 Comparison (A) of community and hospital pharmacy preceptors, C.H. Brown, 323.
 Competence (clinical), Evaluation of through written simulations, D.E. Tobias *et al.*, 320.
 Competency(ies)
 Assessment and continuing education, J.F. Schlegel, 403;
 Developing competency statements for a baccalaureate program in pharmacy, W. Lowenthal, 28;

- Evaluation of students in a competency-based undergraduate clinical clerkship, D.E. Tobias *et al.*, 31;
- A rationale for competency-based assessment using the assessment center approach, T.E. Cyr Jr. and P.G. Grussing, 66;
- Training of a pharmacy faculty for implementation of objectives, J.M. Yanoff and G.N. Seitchik, 301.
- Computer-assisted instruction at St. John's University College of Pharmacy and Allied Health Professions, Introduction of, R.L. Williams and A.T. Buatti, 58.
- Computer-assisted learning activities in a pharmacy practice laboratory, G.D. Russi and K.J. Wurster, 56.
- Concepts, models and methodologies for the evaluation of experiential education in pharmacy, H.A. Smith and E. Kifer, 159.
- Conduct (The) and usefulness of evaluation research in health-care delivery, W.C. Richardson *et al.*, 447.
- Continuing education (pharmacy)
- Budgeting and control of budgets, J.P. Gagnon, 418;
 - Competency assessment and, J.F. Schlegel, 403;
 - The development and preliminary analysis of a need-identification process for, M.C. Shannon and M.H. Weinswig, 255;
 - Directions for the future of, K.F. Finger, 422;
 - Educational design, H.W. Connelly, 405;
 - Establishment of a regional network of coordinators for. Planning and implementation, D.W. Fielding *et al.*, 155;
 - Evaluation in: the critical feedback loop, S.M. Johnson, 396;
 - Introduction to the 1979 (Teachers') Seminar by the planning committee, J.W. Blank *et al.*, 376;
 - Maximizing the pharmacist's contribution to society
 - The challenge to, R.K. Chalmers, 377;
 - Through the extended university, G.E. Farr, 385;
 - Types of programs and evaluation processes needed to. 1: The role of the basic sciences, G.R. Spratto and G.J. Hite, 406; 2: The role of the clinical sciences, J.A. Gans and G.E. Downs, 408; 3: The role of the social and administrative sciences, J. P. Gagnon, 410;
 - A need to verify needs in, T.E. Cyr Jr., 394;
 - A novel approach: in factors affecting communication, D.W. Love *et al.*, 304;
 - People, time and dollars: resources for, J.W. Blank, 416;
 - The psychology of the adult learner, H.W. Connelly, 392;
 - The responsibilities (of the)
 - Boards in, M. Golden, 414;
 - Colleges in — or putting together the bits and pieces, B.F. Cooper, 415;
 - Pharmaceutical associations in, S.H. Kalman, 412;
 - A total curriculum model for, M.C. Shannon, 388;
 - Via the packaged program, J.A. Matchett, 383.
- Cooperation between schools of pharmacy and dentistry: a survey of educational involvement, R.M. Oksas, 21.
- Correlation of a biopharmaceutics grade and calculation scores in pharmacy school with arithmetic skills and mathematical reasoning subscores of the Pharmacy College Admission Test, W. Lowenthal *et al.*, 26.
- Council activities update (Council of Sections chairman's section), P. Zanowiak, 210.
- Council of Deans, Chair report for the, A.E. Schwarting, 461.
- Council of Faculties
- Chair report for the, M.H. Weinswig, 462;
 - Chair report of the *Ad Hoc* Committee on Teacher/Teaching Evaluation, P.J. Levine, 80;
 - (Chairman's section)
 - Chair report of the Council of Faculties *Ad Hoc* Committee on Teacher/Teaching Evaluation, P.J. Levine, 80;
 - Collective bargaining, M.H. Weinswig, 212;
 - Collective bargaining by university faculty, A.W. Jowdy, 508;
 - Committee work *versus* available faculty time, M.H. Weinswig, 80;
 - Dean evaluation, M.R. Gibson, 342;
 - Resolution 3, R.V. DeNuzzo, 212;
 - Shared authority, collective bargaining and academic governance, M.S. Baratz, 508.
- Council of Sections
- Chair report for the, J.P. Gagnon, 462;
 - (Chairman's section)
 - Council activities update, P. Zanowiak, 210;
 - Getting down to the Council's business, J.P. Gagnon, 506;
 - Interim meeting of the Administrative Board, P. Zanowiak, 76;
 - Review of Council of Section activities: Seattle to Kissimmee, 1977-78, P. Zanowiak, 341.
- Course(s)
- (A basic) in drug literature and evaluation, B. Rowles, 138;
 - (Clinical pharmacy), Prediction of achievement in, L.S. Simon, 111;
 - (Clinical pharmacy and therapeutics), Simulated clinical testing for, C.A. Bond and D.M. Angaran, 126;
 - A curriculum-based health service program in hypertension, diabetes, venereal diseases and cardiopulmonary resuscitation, S.T. Coker and A.L. Janer, 131;
 - Development and evaluation of an educational unit for pharmacists on suicide prevention, D.R. Read *et al.*, 313;
 - (Elective) for an interdisciplinary approach to family health care. An, E.D. Sumner *et al.*, 49;
 - (Gerontological), Teaching an interdisciplinary to pharmacy students, E.D. Sumner, 135;
 - Incorporation of modified basic and advanced life support in the pharmacy curriculum, A.N. Masoud *et al.*, 47;
- Individualizing instruction in pharmacy jurisprudence, W.N. Tindall, 144;
- Pharmaceutical technology clerkship: a professional elective at the University of Kentucky, S. Im and P.P. DeLuca, 52;
- (Pharmaceutics) in clinical pharmacokinetics, A terminal, R.H. Reuning and D. Krautheim, 317;
- Pharmacy communication: a professional survey, L.R. Strandberg *et al.*, 307;
- Pharmacy ethics — professional idealism and reality, C.L. Braucher, 141.
- Curriculum
- Requests made in community pharmacies: implications for, G.D. Lawrence and L.S. Linn, 310;
 - A total model for pharmacy continuing education, M.C. Shannon, 388.
- Curriculum-based health service program (A) in hypertension, diabetes, venereal diseases and cardiopulmonary resuscitation, S.T. Coker and A.L. Janer, 131.
- * * *
- Dean evaluation (Council of Faculties chairman's section), M.R. Gibson, 342.
- Definitions and terms for official (AACP) communications, 469.
- Demographic and background variables as predictors of success in pharmacy school, The use of, K.E. Jacoby *et al.*, 4.
- Dental pharmacy, clinical pharmacy education in a, J.A. Walker and D.K. Helling, 35.
- Dentistry, cooperation between schools of pharmacy and: a survey of educational involvement, R.M. Oksas, 21.
- Derjaguin, Landau, Verwey and Overbeek (DLVO) theory, Pharmaceutical suspensions and the, W. Schneider *et al.*, 280.
- Determination of academic faculty workload, W. Lowenthal, 334.
- Developing competency statements for a baccalaureate program in pharmacy, W. Lowenthal, 28.
- Development (and)
- Evaluation of an educational unit for pharmacists on suicide prevention, D.R. Read *et al.*, 313;
 - Implementation of a factor-analyzed faculty evaluation instrument for undergraduate pharmacy instruction, J.A. Kotzan and D.N. Entekin, 114;
 - Preliminary analysis of a need-identification process for continuing pharmacy education, M.C. Shannon and M.H. Weinswig, 255;
 - Validation of written simulation problems for pharmacy, D.W. Fielding and G.G. Page, 270.
- Diabetes, hypertension, venereal diseases and cardiopulmonary resuscitation, A curriculum-based health service program in, S.T. Coker and A.L. Janer, 131.
- Diazepam tablets, analysis of by high pressure liquid chromatography: A laboratory experiment in pharmaceutical analysis, L.C. Bailey, 63.
- Directions for the future of pharmacy continuing education, A.N. Masoud *et al.*, 47;

- ing education, K.F. Finger, 422.
- DLVO theory. *See* Derjaguin, Landau, Verwey and Overbeek theory.
- Doctor of Pharmacy degree, Interest of pharmacy practitioners in earning a, M.J. Myers *et al.*, 124.
- Drug abuse, A study of pharmacy students' attitudes toward, P. Miederhoff *et al.*, 129.
- Drug literature and evaluation, A basic course in, B. Rowles, 138.
- Drug particles (monosized and multisized), A simulation experiment for the dissolution of, J.W. Mauger *et al.*, 60.
- * * *
- Editor's section
- Instructions to authors, M.H. Malone, 82;
- The Lyman Awards: the first decade, M.H. Malone, 343;
- Texts of the formal statements made at the Kansas City open hearings on Issue Z, M.H. Malone, 213.
- Edlin, Albert I., Memorial to, Anon., 516.
- Education
- (Continuing). *See* continuing education;
- (Formal academic pharmacy), A survey of pharmacists' attitudes toward, M.E. Porter, 264;
- (Graduate) — The price for improvement (president's section), H.H. Wolf, 340;
- (Health), Interprofessional approaches to and health care, J.R. Hogness and G.C. Akin, 433;
- And practice factors in determining stress and strain among young pharmacy practitioners, The importance of, F.R. Curtiss *et al.*, 104.
- Educational design, H.W. Connelly, 407.
- Effect of side-chain branching on neuroleptic activity of phenothiazines (biblio-errata: 7), D.L. Lattin, 504.
- Effects (The) of an institutional clinical experience on pharmacy student professional status perceptions, K.A. Speranza Sr. and W.M. McCook, 11.
- Elective course (An) for an interdisciplinary approach to family health care, E.D. Sumner *et al.*, 49.
- Ellerbeck, Dwayne E., Memorial to, S.C. Pirruccello, 85.
- Enrollment report (on)
- Graduate degree programs, fall 1977, J.F. Schlegel, 181;
- Professional degree programs in pharmacy, fall 1977, J.F. Schlegel, 167.
- Establishment of a regional network of coordinators for continuing pharmacy education. Planning and implementation, D.W. Fielding *et al.*, 155.
- Ethics (Pharmacy) — professional idealism and reality, C.L. Braucher, 141.
- Ethnic composition (schools and colleges of pharmacy)
- Faculty, 344;
- Professional programs, 173.
- Ethnic, Work environment practice attitudes of recent Black and Chicano Doctor of Pharmacy graduates, A.B. Weinert *et al.*, 295.
- Evaluation in continuing education: the critical feedback loop, S.M. Johnson, 396.
- Evaluation (of)
- Clinical competence through written simulations, D.E. Tobias *et al.*, 320;
- Dean(s) (Council of Faculties chairman's section), M.R. Gibson, 342;
- An educational unit for pharmacists on suicide prevention, Development and, D.R. Read *et al.*, 313;
- Experiential education in pharmacy, Concepts, models and methodologies for the, H.A. Smith and E. Kifer, 159;
- The PMA-coordinated industry program for pharmacy administration faculty, E.T. Kelly and C.M. Herman, 151;
- Students in a competency-based undergraduate clinical clerkship, D.E. Tobias *et al.*, 31.
- Evaluation research in health-care delivery, The conduct and usefulness of, W.C. Richardson *et al.*, 447.
- Evaluation (teacher/teaching), Chair report of the Council of Faculties *Ad Hoc* Committee on, P.J. Levine, 80.
- Evolutionary eighties (The): pharmacy, a profession in transition, C.A. Walton, 440.
- Executive director (AACP), Report of the, C.A. Rodowskas Jr. 454.
- Experiential education in pharmacy, Concepts, models and methodologies for the evaluation of, H.A. Smith and E. Kifer, 159.
- Experiment
- (A laboratory) in pharmaceutical analysis: analysis of diazepam tablets by high pressure liquid chromatography, L.C. Bailey, 63;
- (A simulation) for the dissolution of monosized and multisized drug particles, J.W. Mauger *et al.*, 60.
- * * *
- Factors affecting communication, Continuing education in: a novel approach, D.W. Love *et al.*, 304.
- Faculty
- Chair report of the Council of Faculties *Ad Hoc* Committee on Teacher/Teaching Evaluation (Council of Faculties chairman's section), P.J. Levine, 80;
- Determination of academic workload, W. Lowenthal, 334;
- Factor-analyzed evaluation instrument for pharmacy instruction, Development and implementation of a, J.A. Kotzan and D.N. Entekin, 114;
- A note on the (un)changing expectations of students of their ideal lecturer over a decade, J.M. Foy and J. Senior, 15;
- (Pharmacy), Training of a for implementation of competency objectives, J.M. Yanoff and G.N. Seitchik, 301;
- (Pharmacy administration), Evaluation of the PMA-coordinated industry program for, E.T. Kelly and C.M. Herman, 151;
- Sex and ethnic composition in schools and colleges of pharmacy, 1978 (announcements), 344;
- (University), Collective bargaining by (Council of Faculties chairman's section), A.W. Jowdy, 508.
- Finance, Chair report for the Committee on, J.D. McEvilla, 475.
- Foss, Noel E., Memorial to, J. Leslie, 86.
- * * *
- General announcements, 84, 225, 344, 512.
- General news, 86, 228, 347, 517.
- Geographical origins of the student body (schools and colleges of pharmacy)
- Graduate programs, 189;
- Professional programs, 176.
- Gerontological course (interdisciplinary) to pharmacy students, Teaching an, E.D. Sumner, 135.
- Getting down to the Council's business (Council of Sections chairman's section), J.P. Gagnon, 506.
- Government Affairs, Chair report for the Committee on, J.V. Bergen, 478.
- Grading, To pass or not to pass, K.E. Jacoby, 329.
- Graduate degree programs, Enrollment report on, fall 1977, J.F. Schlegel, 181.
- Graduate education — the price for improvement (president's section), H.H. Wolf, 340.
- Grants and awards, 88, 231, 349, 520.
- Greetings from the Association of Faculties of Pharmacy of Canada, F.W. Teare, 432.
- Guidelines for PharmD Accreditation, Chair report for the Task Force on, J.K. Devenport, 490.
- Guth, Earl P., Memorial to, J.L. Beal, 228.
- * * *
- Hammond, Elmer L., Memorial to, A.A. Dodge, 227.
- Health care
- Delivery, The conduct and usefulness of evaluation research in, W.C. Richardson *et al.*, 447;
- (Family), an elective course for an interdisciplinary approach to, E.D. Sumner *et al.*, 49;
- Interprofessional approaches to health education and, J.R. Hogness and G.C. Akin, 433.
- Hypertension, diabetes, venereal diseases and cardiopulmonary resuscitation, A curriculum-based health service program in, S.T. Coker and A.L. Janer, 131.
- * * *
- Importance (The) of education and practice factors in determining stress and strain among young pharmacy practitioners, F.R. Curtiss *et al.*, 104.
- Incorporation of modified basic and advanced life support in the pharmacy curriculum, A.N. Masoud *et al.*, 47.
- Index (yearly)
- Authors, 545;
- Subjects and titles, 549.
- Individualizing instruction in pharmacy jurisprudence, W.N. Tindall, 144.

Influence (The) of anxiety in the pursuit of medication, P.L. McKercher and J.A. Waldron, 297.

Instructions to authors (editor's section), M.H. Malone, 82.

Interest of pharmacy practitioners in earning a Doctor of Pharmacy degree, M.J. Myers *et al.*, 124.

Interim meeting of the Administrative Board (Council of Sections chairman's section), P. Zanowiak, 76.

International Pharmacy, Chair report for the Special Committee on, L.C. Weaver, 488.

Internship (An academic administrative), M.C. Smith *et al.*, 40.

Interprofessional approaches to health education and health care, J.R. Hogness and G.C. Akin, 433.

Introduction of computer-assisted instruction at St. John's University College of Pharmacy and Allied Health Professions, R.L. Williams and A.T. Buatti, 58.

Introduction to the 1978 (Teachers') Seminar by the planning committee, J.W. Blank *et al.*, 376.

Issue Z statements, Kansas City open hearings (Types of pharmacy personnel required to meet society's future needs)
American College of Apothecaries, 213;
American Pharmaceutical Association, 214;
American Society of Hospital Pharmacists, 216;

National Association of Boards of Pharmacy, 218;

National Association of Chain Drug Stores, 218;

National Association of Retail Druggists, 220;

National Wholesale Druggists' Association, 221;

United States Public Health Service, 223;
Veterans Administration, 224.

* * *

Journal. See *American Journal of Pharmaceutical Education*.

Journals

(New) and special publications, 98, 244, 369, 543;

(Professional pharmacy), Statistical background needed to read, R. Moore *et al.*, 251.

Jurisprudence (pharmacy), Individualizing instruction in, W.N. Tindall, 144.

* * *

Laboratory(ies)

Analysis of aspirin tablets using quantitative NMR, J.A. Vinson and D.M. Kozak, 290;

An experiment in pharmaceutical analysis: analysis of diazepam tablets by high pressure liquid chromatography, L.C. Bailey, 63;

Pharmaceutical suspensions and the DLVO theory, W. Schneider *et al.*, 280;

(Pharmacy practice), Computer-assisted learning activities in a, G.D. Russi and K.J. Wurster, 56;

A simulation experiment for the dissolution of monosized and multisized drug particles, J.W. Mauger *et al.*, 60;

(Undergraduate pharmacology), Status of in colleges of pharmacy in the United States, N.L. Katz *et al.*, 17.

Latent image testing

Development and validation of written simulation problems for pharmacy, D.W. Fielding and G.G. Page, 270;

Evaluation in continuing education: the critical feedback loop, S.M. Johnson, 396;

Evaluation of clinical competence through written simulations, D.E. Tobias *et al.*, 320;

Simulated clinical testing for clinical pharmacy and therapeutics courses, C.A. Bond and D.M. Angaran, 126.

Leadership, On (president's section), J.E. Goyan, 505.

Liberal Education Requirements for Accreditation, Chair report for the Task Force on, D. Krauthelm, 488.

Life support (modified basic and advanced), Incorporation of in the pharmacy curriculum, A.N. Masoud *et al.*, 47.

Lyman Award(s)

Announcement, 1978, 225;

The first decade (editor's section), M.H. Malone, 343.

* * *

Maximizing the pharmacist's contribution to society

—, R.Q. Marston, 438;

The challenge to continuing education, R.K. Chalmers, 377;

Through the extended university, G.E. Farr, 385;

Types of programs and evaluation processes needed to

1. The role of the basic sciences, G.R. Spratto and G.J. Hite, 406;

2. The role of the clinical sciences, J.A. Gans and G.E. Downs, 408;

3. The role of the social and administrative sciences, J.P. Gagnon, 410.

Memorial (to)

Henry M. Burlage, Anon., 517;

Elmon L. Cataline, W.C. Fiedler, 347;

Albert I. Edlin, Anon., 516;

Dwayne E. Ellerbeck, S.C. Pirruccello, 85;

Noel E. Foss, J. Leslie, 86;

Earl P. Guth, J.L. Beal, 228;

Elmer L. Hammond, A.A. Dodge, 227;

David William O'Day, J.N. Bone, 516.

Memorials, 85, 227, 347, 516.

Minutes (of the)

Annual meeting of directors of the American Foundation for Pharmaceutical Education, A.B. Fisher Jr., 196 (January 18, 1978);

Board of directors (AACP), C.A. Rodowskas Jr., 200 (interim, February 27, 1978); 496 (presession, July 14, 1978); 499 (postsession, July 20, 1978).

Modeling student academic performance: predicting "success" or "trouble" in a professional pharmacy program, L. Solander, 326.

* * *

National Association of Boards of Pharmacy, Formal statement delivered at the Kansas City open hearings on Issue Z, 218.

National Association of Chain Drug Stores, Formal statement delivered at the Kansas City open hearings on Issue Z, 218.

National Association of Retail Druggists, Formal statement delivered at the Kansas City open hearings on Issue Z, 220.

National Wholesale Druggists' Association, Formal statement delivered at the Kansas City open hearings on Issue Z, 221.

Need (A) to verify needs in continuing education, T.E. Cyr Jr., 394.

Need-identification process for continuing pharmacy education, The development and preliminary analysis of a, M.C. Shannon and M.H. Weinswig, 255.

Neuroleptic activity of phenothiazines, Effect of side-chain branching on (biblio-errata; 7), D.L. Lattin, 504.

New books, 98, 244, 370, 543.

New journals and special publications, 98, 244, 369, 543.

New staff members, 85, 226, 345, 514.

News (general), 86, 228, 347, 517.

NMR. See nuclear magnetic resonance spectroscopy.

Note (A) on the (un)changing expectation of students of their ideal lecturer over a decade, J.M. Foy and J. Senior, 15.

Nuclear magnetic resonance (spectroscopy), Analysis of aspirin tablets using quantitative, J.A. Vinson and D.M. Kozak, 290.

* * *

O'Day, David William, Memorial to, J.N. Bone, 516.

On leadership (president's section), J.E. Goyan, 505.

On readiness — address of the president-elect, J.E. Goyan, 428.

Organization of Student Representatives
Annual report of the, R.P. Young, 463;
Standing rules of procedure for the, 473.

* * *

Personnel (pharmacy), Types of required to meet society's future needs, Issue Z statements, Kansas City open hearings, 213.

Perspective from the past, 3, 103.

Pharmaceutical analysis, A laboratory experiment in: analysis of diazepam tablets by high pressure liquid chromatography, L.C. Bailey, 63.

Pharmaceutical education in Poland, M. Furmanowa and M.L. Borke, 147.

Pharmaceutical Manufacturers Association — coordinated industry program for pharmacy administration faculty, Evaluation of the, E.T. Kelly and C.M. Herman, 151.

Pharmaceutical suspensions and the DLVO theory, W. Schneider *et al.*, 280.

Pharmaceutical technology clerkship: a professional elective course at the University of Kentucky, S. Im and P.P. DeLuca, 52.

- Pharmaceutics course (A terminal) in clinical pharmacokinetics, R.H. Reuning and D. Krauthelm, 317.
- Pharmacies (community), Requests made in: implications for curriculum, G.D. Lawrence and L.S. Linn, 310.
- Pharmacists' attitudes toward formal academic pharmacy education, A survey of, M.E. Porter, 264.
- Pharmacokinetics (clinical), A terminal pharmaceutics course in, R.H. Reuning and D. Krauthelm, 317.
- Pharmacology
Laboratories (undergraduate) in colleges of pharmacy in the United States, Status of, N.L. Katz *et al.*, 17;
Teaching to college teachers, M.C. Gerald, 45.
- Pharmacy
(Clinical). *See* clinical pharmacy;
College(s) (of). *See* college(s) of pharmacy, or *see* school(s) of pharmacy;
Communication: a professional survey course, L.R. Strandberg *et al.*, 307;
Concepts, models and methodologies for the evaluation of experiential education in, H.A. Smith and E. Kifer, 159;
Developing competency statements for a baccalaureate program in, W. Lowenthal, 28;
Development (and)
Implementation of a factor-analyzed faculty evaluation instrument for undergraduate instruction, J.A. Kotzan and D.N. Entekin, 114;
Validation of written simulation problems for, D.W. Fielding and G.G. Page, 249;
Enrollment report on professional degree programs in, fall 1977, J.F. Schlegel, 167;
Ethics — professional idealism and reality, C.L. Braucher, 141;
The importance of education and practice factors in determining stress and strain among young practitioners, F.R. Curtiss *et al.*, 104;
Interest of practitioners in earning a Doctor of Pharmacy degree, M.J. Myers, 124;
Jurisprudence, Individualizing instruction in, W.N. Tindall, 144;
A profession in transition: The evolutionary eighties, C.A. Walton, 440;
Types of personnel required to meet society's future needs, Issue Z statements, Kansas City open hearings, 213.
- Pharmacy administration faculty, Evaluation of the PMA-coordinated industry program for, E.T. Kelly and C.M. Herman, 151.
- Pharmacy College Admission Test (PCAT)
Analyzing selection procedures of members of a school of pharmacy admissions committee, C.S. Saunders, 119;
Correlation of a biopharmaceutics grade and calculation scores in pharmacy school with arithmetic skills and mathematical reasoning subscores of the, W. Lowenthal *et al.*, 26;
Modeling student academic performance: predicting "success" or "trouble" in a professional pharmacy program, L. Solander, 326;
Prediction of academic success using selected variables: 1, A.A. Belmonte and E.I. Strickland, 122;
The use of demographic and background variables as predictors of success in pharmacy school, K.E. Jacoby *et al.*, 4.
- Pharmacy Management (advertisement), 559.
- Phenothiazines, Effect of side-chain branching on neuroleptic activity of (biblio-errata: 7), D.L. Lattin, 504.
- People, time and dollars: resources for continuing education, J.W. Blank, 416.
- Poland, Pharmaceutical education in, M. Furmanowa and M.L. Borke, 147.
- Policy Development, Chair report for the Committee (on), B.R. Hershenson, 487.
- Practitioners (pharmacy)
The importance of education and practice factors in determining stress and strain among young, F.R. Curtiss *et al.*, 104;
Interest of in earning a Doctor of Pharmacy degree, M.J. Myers *et al.*, 124.
- Preceptors (community and hospital pharmacy), A comparison of, C.H. Brown, 323.
- Prediction (of)
Academic success using selected variables: 1, A.A. Belmonte and E.I. Strickland, 122;
Achievement in clinical pharmacy courses, L.S. Simon, 111.
- President (AACP) and chairman of the Board, Address of the — Progress and potential, H.H. Wolf, 425.
- President-elect (AACP), Address of the — On readiness, J.E. Goyan, 428.
- President's section
Graduate education — the price for improvement, H.H. Wolf, 340;
On leadership, J.E. Goyan, 505;
Publish or perish — a larger perspective, H.H. Wolf, 75;
Requisite research, H.H. Wolf, 209.
- Problems (written simulation). *See* written simulation problems.
- Professional Affairs, Chair report for the Committee on, R.D. Gibson, 482.
- Professional degree programs, Enrollment report on, fall 1977, J.F. Schlegel, 167.
- Professional pharmacy journals, Statistical background needed to read, R. Moore *et al.*, 251.
- Professional status perceptions (pharmacy student), The effects of an institutional clinical experience on, K.A. Speranza Sr. and W.M. McCook, 11.
- Program(s)
(Graduate degree), Enrollment report on, fall 1977, J.F. Schlegel, 181;
(Health Service) in hypertension, diabetes, venereal diseases and cardiopulmonary resuscitation, A curriculum-based, S.T. Coker and A.L. Janer, 131;
(PMA-coordinated industry), Evaluation of the for pharmacy administration faculty, E.T. Kelly and C.M. Herman, 151;
- (Professional degree), Enrollment report on in pharmacy, fall 1977, J.F. Schlegel, 167;
(Professional pharmacy), Modeling student academic performance: predicting "success" or "trouble" in a, L. Solander, 326.
- Progress and potential — address of the president and chairman of the (AACP) Board (of Directors), H.H. Wolf, 425.
- Psychology (The) of the adult learner, H.W. Connelly, 392.
- Public Affairs, Chair report for the Committee on, W.A. Strickland Jr., 485.
- Publications
Chair report for the Committee on, T.A. Gossel, 486;
(Special) and new journals, 98, 244, 369, 543.
- Publish or perish — a larger perspective (President's section), H.H. Wolf, 75.
- * * *
- Rationale (A) for competency-based assessment using the assessment center approach, T.E. Cyr Jr. and P.G. Grussing, 66.
- Readiness, On — address of the president-elect, J.E. Goyan, 428.
- Record (The), 86, 228, 347, 517.
- Report (of, on)
(Enrollment)
Graduate degree programs, fall 1977, J.F. Schlegel, 181;
Professional degree programs, fall 1977, J.F. Schlegel, 167;
The executive director, C.A. Rodowskas Jr., 454;
The independent auditor, La France, Walker, Jackley & Saville, 206 (year ending June 30, 1977); 475 (year ending June 30, 1978);
The Journal editor, M.H. Malone, 459.
- Report (annual)
Of the Office of Educational Research and Development (AACP), L. Solander, 458;
Of the Office of Student Affairs (AACP), July 1978, J.F. Schlegel, 457;
To the public and to the sponsors of the American Council on Pharmaceutical Education, D.A. Nona, 493.
- Report (chair), (for the)
Ad Hoc Committee (Council of Faculties) on Teacher/Teaching Evaluation, P.J. Levine, 80;
Council (of)
Deans, A.E. Schwarting, 461;
Faculties, M.H. Weinswig, 462;
Sections, J.P. Gagnon, 462;
Committee (on)
Academic Affairs, C.A. Walton, 464;
Bylaws, E.H. Taylor, 473;
Finance, J.D. McEvilla, 475;
Government Affairs, J.V. Bergen, 478;
Policy Development, B.R. Hershenson, 487;
Professional Affairs, R.D. Gibson, 482;
Public Affairs, W.A. Strickland Jr., 485;
Publications, T.A. Gossel, 486;
Special Committee on International Phar-

- macy, L.C. Weaver, 488;
 Subcommittee (Academic Affairs) (on)
 Advanced Degree Attainment, G.E. Schumacher, 471;
 Standardization of Professional-Practice-Program Terminology (Terms and definitions for official communications), G.P. Matzen, 469;
 Task Force (on)
 Guidelines for PharmD Accreditation, J.K. Devenport, 490;
 Liberal Education Requirements for Accreditation, D. Krauthelm, 488.
 Requests made in community pharmacies: implications for curriculum, G.D. Lawrence and L.S. Linn, 310.
 Requisite research (president's section), H.H. Wolf, 209.
 Research (evaluation) in health-care delivery, The conduct and usefulness of, W.C. Richardson *et al.*, 447.
 Resolution 3 (Council of Faculties chairman's section), R.W. DeNuzzo, 212.
 Responsibilities (of the)
 Boards in continuing education, M. Golden, 414;
 Colleges in continuing education — or putting together the bits and pieces, B.F. Cooper, 415;
 Pharmaceutical associations in continuing education, S.H. Kalman, 412.
 Review of Council of Sections activities: Seattle to Kissimmee, 1977-78 (Council of Sections chairman's section), P. Zanowski, 341.
 Reviews (Book), 90, 233, 352, 523.
 Roster of delegates to the House of Delegates in attendance at the 79th Annual (ACCP) Meeting, 501.
 * * *
 School(s) of pharmacy
 Admission committee, Analyzing selection procedures of members of a, C.S. Saunders, 119;
 And colleges in the United States holding membership in the ACCP, 502;
 Cooperation between and (schools of) dentistry: a survey of educational involvement, R.M. Oksas, 21;
 Correlation of a biopharmaceutics grade and calculation scores in with arithmetic skills and mathematical reasoning subscores of the Pharmacy College Admission Test, W. Lowenthal *et al.*, 26;
 The use of demographic and background variables as predictors of success in, K.E. Jacoby *et al.*, 4.
 Sexual ratios (schools and colleges of pharmacy)
 Faculty, 344;
 Graduate programs, 182;
 Professional programs, 168.
 Shared authority, collective bargaining and academic governance (Council of Faculties chairman's section), M.S. Baratz, 508.
 Simulated clinical testing for clinical pharmacy and therapeutics courses, C.A. Bond and D.M. Angaran, 126.
 Simulation experiment (A) for the dissolution of monosized and multisized drug particles, J.W. Mauger *et al.*, 60.
 Simulation problems (written). *See* written simulation problems.
 Social and administrative pharmacy in clinical practice, Attitudes of Doctor of Pharmacy students toward the application of, J.L. Bootman and C.A. Johnson, 37.
 Social and administrative sciences, 3: The role of. Types of programs and evaluation processes needed to maximize the pharmacist's contribution to society, J.P. Gagnon, 410.
 Social pharmacy at the University of Kuopio, Finland, J. Lilja and H. Turakka, 42.
 Special publications, New journals and, 98, 244, 369, 543.
 Staff
 Changes in titles, 84, 226, 344, 513;
 New members, 85, 226, 345, 514.
 Statistical background needed to read professional pharmacy journals, R. Moore *et al.*, 251.
 Statistics
 Enrollment report (on)
 Graduate degree programs, fall 1977, J.F. Schlegel, 181;
 Professional degree programs in pharmacy, fall 1977, J.F. Schlegel, 167.
 Status of undergraduate pharmacology laboratories in colleges of pharmacy in the United States, N.L. Katz *et al.*, 17.
 Stress and strain among young pharmacy practitioners, The importance of education and practice factors in determining, F.R. Curtiss *et al.*, 104.
 Student(s)
 (Doctor of Pharmacy), Attitudes of toward the application of social and administrative pharmacy in clinical practice, J.L. Bootman and C.A. Johnson, 37;
 A note on the (un)changing expectation of (in regard to) their ideal lecturer over a decade, J.M. Foy and J. Senior, 15;
 (Pharmacy)
 The effects of an institutional clinical experience on professional status perceptions, K.A. Speranza Sr. and W.M. McCook, 11;
 Ethnic composition, professional programs, 173;
 Geographical origins, professional programs, 176; graduate programs, 189;
 Public Affairs Program Award, announcement of, 485;
 Sexual ratios, professional programs, 168; graduate programs, 182;
 A study of attitudes toward drug abuse, P. Miederhoff *et al.*, 129;
 Teaching an interdisciplinary gerontological course to, E.D. Sumner, 135.
 Study (A) of pharmacy students' attitudes toward drug abuse, P. Miederhoff *et al.*, 129.
 Suicide prevention, Development and evaluation of an educational unit for pharmacists on, D.R. Read *et al.*, 313.
 Survey (A) of pharmacists' attitudes toward formal academic pharmacy education, M.E. Porter, 264.
 Suspensions (Pharmaceutical) and the DLVO theory, W. Schneider *et al.*, 280.
 * * *
 Teachers' Seminar (1978) on continuing education — the W. Paul Briggs Memorial Seminar, Proceedings of the, 374.
 Teachers' Seminars (previous) sponsored by the American Association of Colleges of Pharmacy and supported by the American Foundation for Pharmaceutical Education, 374.
 Teaching an interdisciplinary gerontological course to pharmacy students, E.D. Sumner, 135.
 Teaching pharmacology to college teachers, M.C. Gerald, 45.
 Terminal pharmaceutics course (A) in clinical pharmacokinetics, R.H. Reuning and D. Krauthelm, 317.
 Terms and definitions for official (ACCP) communications, 469.
 Testing (latent image)
 Development and validation of written simulation problems for pharmacy, D.W. Fielding and G.G. Page, 270;
 Evaluation in continuing education: the critical feedback loop, S.M. Johnson, 396;
 Evaluation of clinical competence through written simulations, D.E. Tobias *et al.*, 320;
 Simulated clinical testing for clinical pharmacy and therapeutics courses, C.A. Bond and D.M. Angaran, 126.
 Texts of the formal statements delivered at the Kansas City open hearings on Issue Z (editor's section), M.H. Malone, 213.
 To pass or not to pass, K.E. Jacoby, 329.
 Total curriculum model (A) for pharmacy continuing education, M.C. Shannon, 388.
 Training of a pharmacy faculty for implementation of competency objectives, J.M. Yanoff and G.N. Seitchik, 301.
 Tribute (A) to W. Paul Briggs, C.W. Bliven, 374.
 Types (of)
 Pharmacy personnel required to meet society's future needs, Issue Z statements, Kansas city open hearings, 213;
 Programs and evaluation processes needed to maximize the pharmacist's contribution to society
 1. The role of the basic sciences, G.R. Spratto and G.J. Hite, 406;
 2. The role of the clinical sciences, J.A. Gans and G.E. Downs, 408;
 3. The role of the social and administrative sciences, J.P. Gagnon, 410.
 * * *
 United States Public Health Service, Formal statement delivered at the Kansas City open hearings on Issue Z, 223.
 University (of)
 Kentucky, Pharmaceutical technology clerkship: a professional elective course at the, S. Im and P.P. DeLuca, 52;
 Kuopio, Finland, Social pharmacy at the, J. Lilja and H. Turakka, 42;
 St. John's College of Pharmacy and Allied

- Health Professions, Introduction of computer-assisted instruction at, R.L. Williams and A.T. Buatti, 58.
- Use (The) of demographic and background variables as predictors of success in pharmacy school, K.E. Jacoby *et al.*, 4.
- * * *
- Venereal diseases, hypertension, diabetes and cardiopulmonary resuscitation, A curriculum-based health service program in, S.T. Coker and A.L. Janer, 131.
- Veterans Administration, Formal statement delivered at the Kansas City open hearings on Issue Z, 224.
- Volwiler Award, announcement (1978), 225.
- * * *
- Work environment practice attitudes of recent Black and Chicano Doctor of Pharmacy graduates, A.B. Weinert *et al.*, 295.
- Workload (academic faculty), Determination of, W. Lowenthal, 334.
- Written simulation problems
- Development and validation of for pharmacy, D.W. Fielding and G.G. Page, 270;
- Evaluation in continuing education: the critical feedback loop, S.M. Johnson, 396;
- Evaluation of clinical competence through, D.E. Tobias *et al.*, 320;
- Simulated clinical testing for clinical pharmacy and therapeutics courses, C.A. Bond and D.M. Angaran, 126.
-

